



# Datasheet Cawiton SN950

## Application:

Cawiton SN950 is a standard (universal) SEBS with a hardness of 50 Shore A. The mechanical properties of this material are relatively good.

Typical Properties at 23°C	Standard	Unit	Value
<b>General Properties</b>			
Polymer abbreviation			SEBS
Hardness	ISO 868	Shore A	50
Density	ISO 2781	kg/dm <sup>3</sup>	1,17
Colour			opaque
Melting point	DSC *1)	°C	166

<b>Rheological Properties</b>			
Melt Flow Index	ISO 1133	g/10min	2,9
Temperature	ISO 1133	°C	230
Weight	ISO 1133	kg	2,16

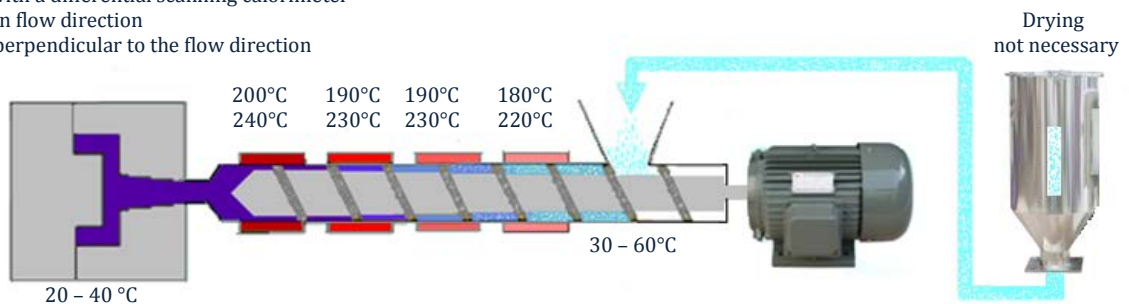
<b>Mechanical Properties</b>				*2)	*3)
			↓	↔	
Tensile strength	ISO 37	MPa	4,1	5,7	
Elongation at break	ISO 37	%	579	742	
Tensile modulus at 100 % elongation	ISO 37	MPa	1,7	1,4	
Tensile modulus at 200 % elongation	ISO 37	MPa	2,1	1,7	
Tensile modulus at 300 % elongation	ISO 37	MPa	2,4	2,2	
Tear strength	ISO 34-2	kN/m	21,9	22,2	
Compression set 22h/70°C	ISO 815	%		45	
Compression set 24h/120°C	ISO 815	%			

<b>Processing Properties</b>			
Melt temperature [min. – max.]		°C	180 - 240

\*1 Measured with a differential scanning calorimeter

\*2) Measured in flow direction

\*3) Measured perpendicular to the flow direction



Please contact our material specialists if you need addition information about this material.